Introduction

Thank you for your purchasing this car safety series On-board HD Digital Video Recorder. This product is specially developed and aimed at evidence collection difficulty of today's car accidents. At the same time, it meets the market needs on other occasions, allowing you to realize one unit multiple uses and making your life carefree and colorful.

This product has industry-leading functions like digital FULL HD1080P camera shooting, HOLD key-press emergency store, voice store, HDMI output, TV sync output and so on. This product has unique humanized design, small and exquisite, and with the multi-functional holder, it is applicable to meeting recording, monitoring and evidence collection, outdoor shooting, forensics recording and other extensive fields.

The user manual gives detailed description on use, operation, installation, use notes and technical specifications. Please read and fully understand this manual before use and take good care of this manual for further reference. We sincerely hope that this product can meet your requirements and offer long service to you!

Product features

①Beautiful decoration and easy shooting in body design;

②Motion detection feature; start the motion detection function and when there is moving object within effective monitor area, the machine will automatically start recording while if the moving object stays at rest or goes beyond the effective area, the machine will automatically stop recording;

③2.7-inch Sharp HD display to show the footage of the site in a clear way and play back the video immediately at the scene of the accident so as to sort out the accident responsibility and minimize disputes;

④AVI format video recording, to meet a variety of players and easy upload;

⑤500W pixels Carl Zeiss certified ultra-wide-angle HD night vision lens; the viewing angle is as wide as 140° to cover the sight on both sides of the front end of a vehicle and provide a complete record of eight more lanes. Either left or right, it records clearly and completely without any dead corner;
⑥High-speed dynamic video and instant response to light and shade;

⑦Video output of 1280*720, 1440*1080P and 1920*1080P at 30 frames/sec;

⑧TV sync display, always following the video image;

⑨AV playback, to play back wonderful life anytime and anywhere;

⑩HDMI output;

⑪ TF card storage device, exchangeable with digital cameras and supporting maximum 32GB;

⑫Imported high-speed quad-core CPU chip in original packing; real long cycle video without frame missing, rather than the software modification for avoiding frame missing. It is a true non-frame missing car video recorder.

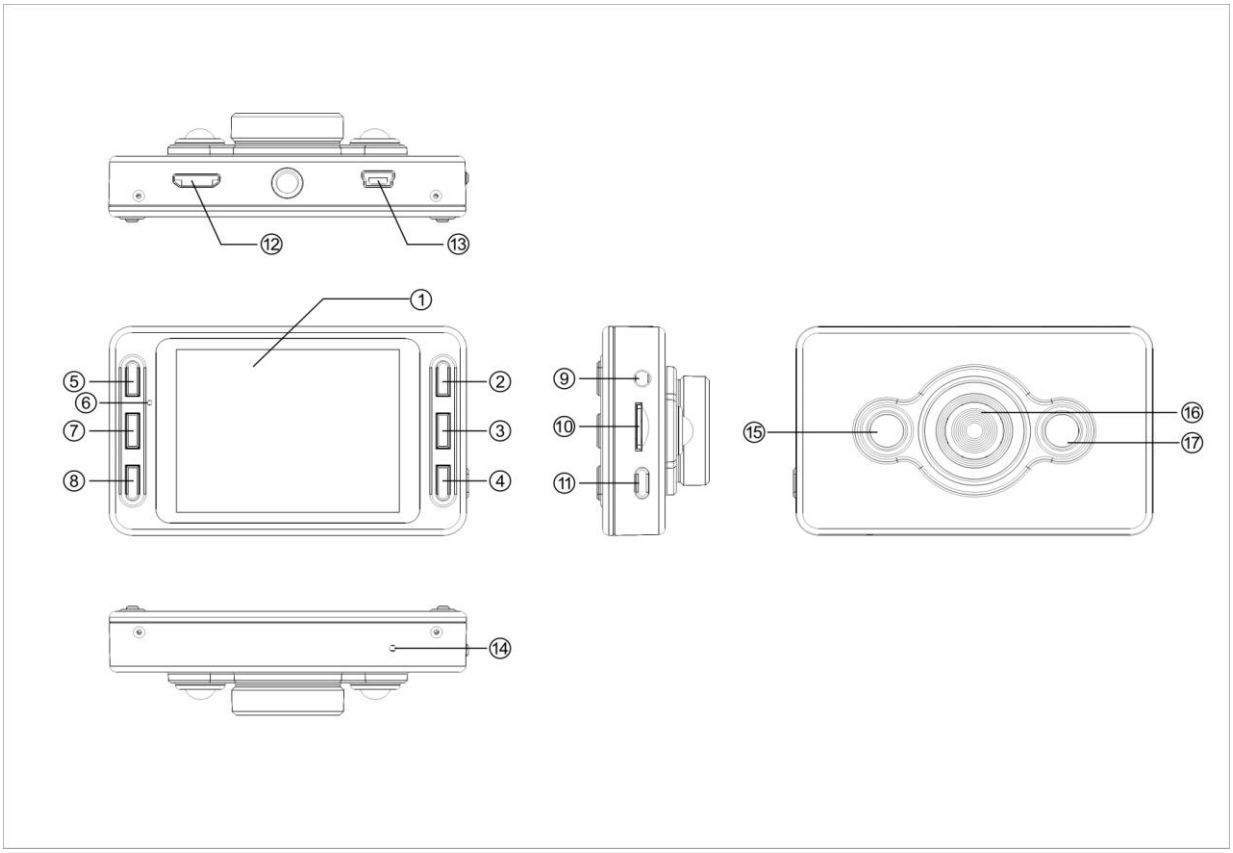
⑬Dedicated car bracket for wide range of uses;

⑮One-button emergency HOLD video key; in case of an emergency, press this key, the record file created during the time will not be deleted and overwritten by recycling.

⑯**Super night vision king; the exclusively original array dual-lamp far infrared night vision has better night version effect;**

⑰**Sync display of time and date;**

Product structure:



①: 2.7-inch Sharp high-definition display. ②: OK key. ③: MODE key. ④: HOLD key. ⑤: Up arrow key. ⑥: Indicator. ⑦: MENU key. ⑧: Down arrow key. ⑨: TV OUT. ⑩: TF card slot. ⑪: POWER key/night vision switch. ⑫: HDMI HD output interface. ⑬: USB interface. ⑭: Reset button. ⑮ ⑰F8 night vision lamps. ⑯:5 mega pixel Carl Zeiss certified high-definition camera. .

I: Operating Instructions

1. Plug in TF card (ensure the card is a genuine high-speed card CLASS6 or more, low-speed card does not support record at 1080P) ,

short press the power button to boot. The blue light then keeps lit. (formatting is recommended before use) .

2. Press the Mode key to select the desired mode after startup; modes of video, camera and playback keep shift if you keep pressing the Mode key.
3. Video: after power on, the record function is in standby mode; short press OK key to start record, and short press it again to stop recording.
4. Camera: in standby mode after power on, short press the Mode key to switch to camera mode, and then short press the OK key to take pictures (a sound will produced if photographing succeeds) .
5. Playback: in standby mode after power on, short double-click the Mode key to switch to the playback mode, and press up and down arrow keys to select to preview photo or video and then press OK key to play.
6. Infrared startup/shutdown settings: short press the power key after startup to start infrared startup/shutdown function, and short press again to close the function; long press the power key to power off .

7. TV OUT: in the power-on state, plug in AV cable accompanied with the machine to connect the television (TV transferred to video mode), and the display on the screen of the machine will be transferred to the

TV; unplug the AV cable to switch to the screen.

8. HDMI: in the power-on state, plug in the HD cable to connect to the TV HD port, the screen display will be transferred to the TV, and unplug the HD cable it will switch to the screen.
9. Emergency recording HOLD key: after the machine is started, in any mode (e.g. in case of emergency), you can manually open the emergency recording system (documents will not be recycled overwritten) , and press OK to save.

II: Menu Setting

1. Main menu:

In the standby mode after startup, short press the MENU key to display the main menu video menu, press the down arrow key to select the option to set, press OK to enter and again OK for confirmation. Short double-click the MENU key to display setting menu, press the down arrow key to select the option to set, press OK to enter and again OK for confirmation.

⑴ Video menus:

① Resolution ② Loop recording ③ Exposure compensation ④ Motion detection ⑤ Recording audio ⑥ Date label

⑵ Setting menus:

① Date and time (time setting : press OK key to enter, press OK key

move the cursor between year, month, day, hour, minute and second and press up/down arrow key to set the current time) ②Automatic shutdown ③ Key sound ④ Language setting (English/Korean/Spanish/German/Italian/French/Japanese/Russian/Simplified Chinese/Traditional Chinese, total ten languages.) ⑤ TV mode ⑥ The G - sensor ⑦ Light frequency ⑧ Image rotation ⑨ Formatting ⑩

2. Camera menu

In camera mode, short press the MENU key to display the camera menu, press the down arrow key to select the option to set, press OK to enter and again OK for confirmation. Double-click the MENU key to display setting menu (the same with the main menu setting menu functions)

⑴ Camera menu in camera mode:

①Resolution ② White balance ③ Exposure compensation ④ Anti-shake ⑤ Date label

3. Playback menu

In playback mode, short press the MENU key to display the playback menu, press the down arrow key to select the option to set, press OK to enter and again OK for confirmation. Double-click the MENU key to display setting menu (the same with the main menu setting menu functions)

Playback menu in playback mode:

①Delete ② Protection ③ Slide player

III: Additional information

1. Recording while charging: plug in the car charger, and after the car is started, the machine automatically enters into recording mode; if TF card is fully occupied, the machine will automatically overwrite old files (G- sensor file and file created by emergency HOLD button will not be overwritten). The automatic loop recording avoids full occupation of TF card. In case of the car charger power-off, the machine shuts down in 5 seconds and save the file.
2. Random adjustment of focal length: press up and down arrow keys in the video and camera standby modes can achieve 4x digital zoom.
3. Indicator description: blue light: work indicator light. Red light: charging indicator light, the red light is on when charging and off when the battery is fully charged.
4. Support TF card (high-speed 1-32G card)
5. Photo format: JPG format, adjustable photo resolution in the resolution menu in the camera mode.